**Computer Supported Collaborative Work Plan**

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| **Problem:**  Ill-structured Problem  Goals:  Innovative  Additions to  Google  docs | **Theory/Mode**  **Computer**  **Supported Collaborative Learning theory**  **Group/Individual Cognition**  **Distributed Cognition**  **Elaboration Theory**  **Social Learning/**  **Situated Cognition** |  |  | **Design Decision**  DD1: Generate Prototype to enhance collaborative features in Google docs | **Design Results**  DR1: Representative prototype model demonstrating proposed changes and improvements to Google docs |
| Procedural Knowledge:  Hands on experience with Axure and Google docs  Time issues  Efficiency learners access at their convenience | Exploring problem analysis, evaluation and reflection on approaches to problem solving | **Group Cognitive Constructivism** | DD2: Constributing individual cognition in situated cognitive collaborative environment | DR2: Selecting appropriate strategies for design ideas in a CSCW group cognitivist environment |
| Modeling |
| Activity |
| Scaffolding | DD3: Co-constructed ideas of improvements in social learning environment | DR3: Collaborative and collective attainment of zone of proximal development in group cognitive environment |
| Articulation |
| Reflection |
| Exploration | DD4: Construct similar concepts and multiple representations of problem | DR4: Review concepts of innovation in various contexts of situated cognition |
| **Cognitive Flexibility** |
| Situated Community of Practice | DD5: Provide suggestions for problem solving in learning space | DR5: Create linkages among concepts and contexts in multiple representations |
| Multiple conceptual improvements |
| Multiple depictions of real world problems | DD6: Focus on relevant problem states to elaborate models and Finish solving problem through progressive group process of discussion | DR6: Multiple  conceptual individual understanding reciprocated by distributed cognition |
| Multiple Perspectives on problems |
| Elaboration | Implementation Decision: Progressive elaboration of detailed verbalization of conceptual understanding through reflection and discussion | |
| Elaboration Theory  Just in Time Learning | |  | |